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**[ABSTRACT]****METHOD OF MAKING A LITHOGRAPHIC PRINTING PLATE PRECURSOR**

- A method of making a heat-sensitive lithographic printing plate precursor is disclosed which comprises the steps of
- (i) providing a web of a lithographic support having a hydrophilic surface;
  - (ii) coating a layer comprising a phenolic resin on the hydrophilic surface of the web;
  - 10 (iii) drying the layer;
  - (iv) a heating step wherein the web temperature is maintained above 150°C during a period of between 0.1 and 60 seconds;
  - (v) winding the coated web on a core or cutting the coated web into sheets.
- 15 The short on-line heating step provides a significant improvement of the aging behavior of the precursor. A stable sensitivity is obtained shortly after coating.

**[Fig.1]**